

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) Marker intended to facilitate the location of a determined area of an internal organ transplant during secondary surgical procedures where an earlier surgical procedure has been performed, whereby the ~~said~~ internal organ can be native just as it can be a synthetic or autonomic implant and/or a combination of such organs, whereby the area of intervention can be the transition of an anastomosis, ~~characterised in that that wherein~~ the marker comprises a part designed as an implant for securing to the area of intervention during a primary operation to form a tactile barrier or boundary for the surgeon during the secondary operation between the area of intervention and the surrounding tissue and wherein the barrier is comprised of a biocompatible polymer formed to enclose the area of intervention of the internal organ in a continuous circumferential manner.

2. (Previously Presented) Marker according to claim 1, whereby the barrier exhibits a contrasting colour to or differs considerably from the colour of the tissue and/or the organ surrounding the area of intervention.

3. (Original) Marker according to claim 2, whereby the colour is chosen among any of the colours orange, yellow or white.

4. (Currently Amended) Marker according to claim 1, whereby the barrier is intended to resist the cutting or penetration of surgical instruments ~~such as a scalpel or similar.~~

5. (Previously Presented) Marker according to claim 1, whereby the barrier comprises a radiographic marker.

6. (Currently Amended) Marker according to claim 5, whereby the radiographic marker is ~~designed as~~ forms a graduated scale ~~extending in a determined direction along a~~ predetermined direction of the barrier.

7. (Previously Presented) Marker according to claim 6, whereby the graduated scale comprises a series of wires of a material that is X-ray dense and that in a series after each other are imbedded in the barrier at a determined distance from each other.

8. (Original) Marker according to claim 7, whereby the X-ray dense material comprises a metallic material.

9. (Currently Amended) Marker according to claim 1, whereby the ~~barrier~~ ~~comprises a biocompatible material that~~ polymer is resistant to degradation for at least a determined period of time and is also inert to bodily tissue and fluids.

10. (Currently Amended) Marker according to claim 1, whereby the biocompatible ~~material~~ polymer comprises ~~one of the following materials: fluoroethylene plastic (PTFE) or cellulose nitrate.~~

11. (Currently Amended) Marker according to claim 9, whereby the biocompatible ~~material~~polymer is applied as a coating on the barrier.

12. (Currently Amended) Marker according to claim 1, whereby the barrier is flexible and comprises an inner layer of cut-resistant fibre on which the biocompatible ~~material~~polymer is applied as an outer surrounding layer.

13. (Currently Amended) Marker according to claim ~~11~~12, whereby the cut-resistant ~~non-metallic~~ fibre is chosen from the following materials with high molecular weight: aromatic plastic, polyethylene plastic, polyvinyl alcohol or acrylonitrile plastic.

14. (Previously Presented) Marker according to claim 1, whereby the barrier is designed as a hard and rigid jacket.

15. (Currently Amended) Marker according to claim 1, whereby the barrier ~~exhibits an exposed inside~~includes at least one portion intended to be applied facing face the internal organ and means of attachment for securing the barrier to the ~~said~~ internal organ and arranged to extend across the ~~said~~ internal organ.

16. (Currently Amended) Marker according to claim 15, whereby the means of attachment ~~comprise~~comprises flexible bands.

17. (Currently Amended) Marker according to claim 12, whereby the flexible barrier ~~has been given such a form that it can~~ is formed with a surrounding part to enclose the area of intervention of the internal organ in a continuous circumferential manner, ~~and that the wherein~~ butting edges of the surrounding part are intended to be secured to each other ~~as a means of attachment~~ via attachment structure.

18. (Currently Amended) Marker according to claim 17, whereby the ~~means of attachment comprise~~ structure comprises flexible bands or sutures.

19. (Previously Presented) Marker according to claim 12, whereby the flexible barrier comprises tubular parts and exhibits lines along which these parts are separable allowing the barrier to be applied to the internal organ by bending out.

20. (Previously Presented) Marker according to claim 19, whereby the tubular barrier comprises two tubular parts located at an angle to each other and arranged with an open connection to each other, whereby the separation lines are arranged running along the circumference of the said tubular parts.

21. (Currently Amended) Marker according to claim 14, whereby the barrier comprises two jacket-shaped pieces that between them are intended to house the internal organ, whereby the said jacket-shaped pieces are ~~provided with means of attachment on their outer edges allowing these to be secured to each other~~.

22. (Currently Amended) Marker according to claim 21, whereby the ~~means of attachment comprises jacket-shaped pieces~~ pieces are secured to one another via one or more interacting snap fasteners.

23. (Currently Amended) Marker according to claim 14, ~~whereby it comprises~~ further comprising two jacket-shaped pieces located on each side of a central piece with which they are flexibly joined for bringing together to surround the internal organ where they are secured to each other with means of attachment acting between the said pieces, whereby the said central piece is also intended to surround a part of the internal organ when the jacket-shaped pieces are in their closed position.

24. (Original) Marker according to claim 23, whereby the central piece is provided with joint or bending notches allowing it to be bend compliantly around part of the internal organ.

25. (Currently Amended) Marker according to claim 1, whereby the barrier is intended to form an electric insulator ~~or has at least been provided with a degree of insulating properties.~~

26. (Original) Marker according to claim 25, whereby the insulating material comprises silicone rubber.

27. (Currently Amended) Implant manufactured of synthetic, biologic or semi-synthetic material, ~~characterised in that it comprises~~ comprising a marker of the type ~~as~~ specified in claim 1.

28. (Currently Amended) Implant according to claim 27, ~~whereby it comprises~~ further comprising a vascular graft~~4~~.

29. (New) Marker according to claim 1, whereby the barrier has at least been provided with a degree of insulating properties.